

CERESIT

Water Repellents For Concrete, Floor Hardeners, Masonry Repair Materials . . . and allied protective products

INTEGRAL WATER REPELLENTS FOR CONCRETE

GENERAL — For over a third of a century Ceresit has maintained its reputation as an effective Integral water resisting agent, not only in the United States but in other countries of the world. In South America it is made by Casa Ceresita, S.R.L., Buenos Aires.

CERESIT COMPOUND (PASTE)

DESCRIPTION — Ceresit is a smooth, white ammonium oleate emulsion in paste form. It mixes readily with the gauging water, which insures uniform distribution throughout the mix.

ADVANTAGES—(1) It retards capillary attraction of moisture, providing a water-repellent element in the entire mass.

(2) It provides increased plasticity and more complete cement hydration and waterproofness in all cement mixtures, concrete mortar and stucco.

(3) It increases workability of the mix, making concrete flow more readily through chutes and around reinforcing, thus reducing labor costs.

(4) It assists in producing concrete of greater density by permitting a reduction in the water content.

QUANTITIES — Mass Concrete: 8 lbs. (1 gal.) cu. yd.

Cement Mortar: 8 lbs. (1 gal.) per 100 sq. ft., 1" thick.

Cement Stucco: 4 lbs. (2 qts.) per 100 sq. ft., ½" thick.

Brick Mortar: 2 lbs. (1 qt.) per sack cement.

CONTAINER — Shipped in 55, 30, 5 and 1 gal. drums.

TO USE — Place paste directly in the mixer before water is added or dissolve 1 gallon of paste in 30 gallons of gauging water.

NOTE: When so specified Ceresit paste can be supplied with Ammonium stearate formula.

CERESIT POWDER

DESCRIPTION — Integral water repellent powder is more adaptable for certain types of work where dry mixes are required, such as precast concrete products. It contains essentially the same basic element as the paste.

CONTAINER — Shipped in 50 lb. bags.

TO USE — Two lbs. Ceresit Powder per sack (94 lbs.) Portland cement. Dry mix powder, cement and aggregates before adding gauging water.

CERESIT LIQUID

DESCRIPTION — The same water repellent principle is embodied in the liquid type. Its use is a matter of individual preference because of its liquid state, making it easy to use.

CONTAINER — Shipped in 55, 30, 5 and 1 gal. steel drums.

TO USE — One quart of Liquid per sack (94 lbs.) Portland cement.

CEREFLEX PLASTICIZER

DESCRIPTION — A cement dispersing admix for use in all types of Portland cement mixtures. It greatly increases workability, flowability and permits a noticeable reduction of gauging water required for placing. Assists in the hydration of a larger percentage of the cement. Also combines with the free lime released during hydration, resulting in as much as a 20% increase in strength.

Concrete fortified with Cereflux will withstand the ravages of time. The added protection of Cereflux retards deterioration due to frost action and practically eliminates segregation of aggregates and honeycombing. Does not change the setting time of cement. If an accelerated set is required, Hi Early Cereflux can also be supplied.

Recommended for use in concrete above or below grade.

CONTAINER — Packed in 50 lb. bags.

TO USE — Two lbs. per bag of cement.

CRESOLAC

A Transparent Water Resistant Liquid for Masonry Surfaces

DESCRIPTION — Cresolac is a wax free stearate base clear liquid. It is applied by brush or spray on any unpainted exterior surface of brick, stucco or masonry.

Cresolac does not discolor or stain and leaves no visible sign of its presence. The surface pores are sealed with an insoluble water repellent agent. It prevents untimely disintegration due to extreme temperature changes. It checks unsightly efflorescence.

Building exteriors treated with Cresolac are protected against driving rains, in fact every rain washes the surface.

ADVANTAGES — It seals all surface pores. It's easy to apply — use either brush or spray.

COVERAGE — 100 to 200 sq. ft. per gal. for each coat, depending on porosity of surface.

CONTAINER — Cresolac is shipped in 55, 30, 5 and 1 gallon drums.

TO USE — Brush Coating — First repair structural cracks, holes and defective mortar joints. Surface must be dry and free from dust and dirt. Apply Cresolac in 2 coats 24 hours apart. Use a wide brush, saturate the surface thoroughly, filling every pore.

Spray Coating — One thorough application is sufficient when Cresolac is applied with a spray. Complete saturation of the entire surface is essential.



CERESIT WATERPROOFING CORP.
GENERAL OFFICES & FACTORY • 512 S. CANAL ST., CHICAGO

FERROKOTE

A Water Repellent Metallic Compound for Brush Coat Application on Below Grade Surfaces

"IRON METHOD" — SURFACE APPLICATION

DESCRIPTION — Ferrokote is a pulverized iron compound in powder form combined with oxidizing chemicals. It is free from oil, non-ferrous metals and other impurities.

Sealing below grade walls against water penetration by the "iron method" is recognized as the most effective system for securing watertightness by surface application.

For all areas subject to hydrostatic pressure such as basements, boiler rooms, pits and tunnels, Ferrokote should be used. Application is made by successive brush coats. It is also recommended for swimming pools, tanks, reservoirs and similar work.

Ferrokote conforms with U. S. Government specifications.

QUANTITIES — 20 to 25 lbs. per 100 sq. ft. for 3 coat work.

CONTAINER — Shipped in 25, 50 and 100 lb. vacuum sealed containers.

TO USE — In general, 3 coat application is standard practice for wall work, after holes and openings are patched. Ferrokote is mixed with water and brushed into the surface which is first dampened. Detailed instructions go with each shipment.

CERESIT NON-SHRINK PATCHER

DESCRIPTION — Ceresit Non-Shrink Patcher is shipped ready mixed for use. It is used for patching holes in floors and walls, building up crumbling areas in concrete walls, concrete piers, filling in around pipes and bolts and for repointing and repairing brick or other masonry.

When basements are to be sealed against water penetration, repair all broken or honeycombed areas with Ceresit Non-Shrink Patcher before applying Ferrokote.

If water enters where walls and floor meet, build a cove with this Patcher. When putting in a cove, roughen both wall and floor by chipping 4" to 6" from joint. When placing cove mortar,

the fill at the joint should be 1" thick. Then feather edge from there out to cover roughened area.

QUANTITIES — Quantity required for cove approximately 4 lbs. per lineal foot.

CONTAINER — Shipped in 25, 50 and 100 lb. vacuum sealed containers.

TO USE — Chip out opening to be sealed. Leave sides and bottom rough for bonding.

Make a mortar of Ceresit Non-Shrink Patcher and just enough water for a workable mix. Flush opening thoroughly with water. Just before placing mortar, brush in a grout of Patcher mixed with water. Fill opening completely. Tamp firmly.

CERESIT INSTANT PATCHER

DESCRIPTION — Ceresit Instant Patcher is used to seal active leaks. It is a specially processed compound in powder form to be mixed with water to mortar consistency.

Localized leaks can be plugged and stopped almost instantly, as it sets hard immediately.

Use in basements, tunnels, pits and masonry walls.

CONTAINER — Shipped in 10, 25, 50 and 100 lb. vacuum sealed containers.

TO USE — (1) Chip out opening not less than 1" wide and 1½" deep. Plug only one hole at a time.

(2) Mix Instant Patcher with just enough water to make a stiff mortar—don't get it too wet.

(3) Mold the mortar into a cone shaped plug. As it starts to harden, force the plug into the hole, working it into all uneven places without releasing pressure. Hold firmly in place for a minute or so until it sets hard. Don't let any water seep through while it is setting.

CERESIT ASPHALTS—CUTBACK AND EMULSIFIED

FOUNDATION COATING & PLASTER BOND

DESCRIPTION — Ceresit Damp Resistant Coatings are made from high grade asphalt combined with preservative elements which assure a protective coating which will not disintegrate or peel off. For cold application by brush or spray. Their many uses include application as a protective coating for exterior foundation walls below grade, Plaster Bond on the inside of exterior masonry walls above grade and as a stone backing on all but the exposed surfaces of cut stone to prevent staining and efflorescence.

COVERAGE — One coat—75 to 85 sq. ft. per gallon. Two coats—40 to 50 sq. ft. per gallon.

CONTAINER — Packed in 1, 5, 30 and 55 gallon containers.

TO USE — Foundations — Paint exterior foundation walls below grade with not less than 2 coats of Ceresit Foundation Coating, using not less than 2 gallons per hundred square feet.

Plaster Bond — Paint the inside surfaces of all exterior walls above grade that are to be plastered with 2 coats of Ceresit Plaster Bond. Apply this asphalt coating to all masonry partitions that are in direct contact with the outside walls. Coat these to a point 2 feet from the exterior walls.

FIBRATED ROOF COATING

DESCRIPTION — A heavy paste consisting of cut back asphalt containing asbestos fibres. A maintenance material for covering leaks in all types of roofs. Also used for coating flashings and parapet walls. A cold application material.

COVERAGE — Covering capacity 6 to 8 gallons per 100 square feet.

CEROPHALT EMULSIFIED ASPHALTS

DESCRIPTION — No. 20 — An emulsified asphaltic coating of thin paste consistency, applied cold by brush or spray. Its outstanding advantage is that it can be applied on damp surfaces. It will bond to any surface such as masonry, glass or metal. Its many uses include protecting foundations against dampness, Coating Metal Pipes, Structural Steel, Wood or Metal Tanks, Gutters, etc. It retains a

natural elasticity under all temperatures. It has no apparent odor and will not contaminate water.

Coverage — One coat—75 to 85 sq. ft. per gallon. Two coats—40 to 50 sq. ft. per gallon. When necessary it can be thinned with water to the desired consistency.

DESCRIPTION — No. 30 — The same type of product described above except that it is a heavy paste consistency for trowel or squeegee application. It is frequently used for a foundation coating where an extra heavy film is required, roof repairs, and other protective coatings. Also used for bonding metal or asphalt tile, linoleum and other coverings and as a fill in expansion joints.

Coverage — A ⅛" film requires approximately 8 gal. per 100 sq. ft.

DESCRIPTION No. 20F and No. 30F — These products are the same asphalt formulae as described above—with asbestos fibre added. The asbestos fibres materially increase tensile strength and prolong the life of the product.

DESCRIPTION No. 20-012F — An emulsified asphalt of liquid consistency. This formula was developed especially for making an asphalt mastic floor repair and resurfacing material that could be combined with cement, sand and aggregates at the job. It is mixed and placed like concrete.

Cerophalt No. 20-012F can be used for patching, repairing and resurfacing concrete, wood and other materials in commercial and industrial plants. It is also used for leveling up worn areas under other types of flooring materials. It bonds securely and produces a tough, resilient floor that will stand up under the heaviest traffic.

Detailed instructions furnished with each order. Packed in 5, 30 and 55 gallon containers.

NOTE: All asphaltic products are soluble in grease and oil. They are not recommended for use where they will come in contact with motor or cutting oils, grease or fatty acids.

METALSIMUM METALLIC HARDENER

DESCRIPTION — Concrete floors with Metalsium incorporated in the topping successfully resist the grinding wear of heavy traffic.

Metalsium gives an iron-armored and flint hard floor surface.

Metalsium is made of pure grey cast iron selected to meet exacting specifications.

Every trace of non-ferrous metal and other foreign matter is removed. Metalsium is ground in mills specially designed to produce iron particles slightly elongated with jagged edges. These rough iron grains rigidly interlock under the trowel.

Our screening method insures perfect grading from coarse to fine, eliminating all but the hard kernel of the iron.

A specially designed and controlled heat treating process removes every vestige of oil, grease and all other impurities. This process makes Metalsium entirely water absorbent, insuring perfect assimilation when incorporated in the concrete floor topping.

It is made in natural grey, also in colors.

QUANTITIES — Light Service: 30-40 lbs. per 100 sq. ft. Medium Service: 40-50 lbs. per 100 sq. ft.

CONTAINER — Packed in 100 lb. bags.

TO USE — Mix 2 parts Metallic Hardener aggregate to 1 part Portland Cement by weight or equal parts by volume. Dust coat mixture over concrete floor after all surface moisture has disappeared, and floor will support finisher on knee boards. Float (hand or power) until thoroughly hydrated. Finish with steel trowel. A second troweling before final set increases smoothness and density.

COLORED METALSIMUM

DESCRIPTION — Colored Metalsium is our regular all ferrous, water absorbent Metallic Hardener in combination with pure lime resistant mineral colors, having extremely high tinting power, capable of producing the richest shades for concrete floor surfaces.

COLOR — Tile Red, Brick Red, Brown, Battleship Grey and Green.

QUANTITIES — 35 to 40 lbs. per 100 sq. ft.

CONTAINER — Packed in 100 lb. bags.

TO USE — Mix 2 parts colored Metalsium to 1 part Portland cement by weight, or equal parts by volume. Apply in 2 dust coats. Float after each coat. Finish with steel trowel. Do not trowel a second time after the initial set as greyness and streaking will result. Excessive steel troweling draws too much cement to the surface.

SUPER METALSIMUM

DESCRIPTION — The constant demand for a greater amount of hardener per square foot of wearing surface prompted us to develop a material to meet that need.

With Super Metalsium it is possible to use up to 120 lbs. of hardener per 100 square feet. Obviously this added iron content in the concrete topping proportionately increases the floor's wear resisting properties. The addition of Silium puzzolanic cement dispersing and water reducing admix to our regular oil free pure Metallic Hardener produces Super Metalsium — literally a Super Metallic Hardener.

Application is simplified and better results assured by using a power float in finishing. Super Metalsium is also made in colors.

QUANTITIES — Heavy Duty: 60-75 lbs. per 100 sq. ft. Extra Heavy Duty: 90-120 lbs. per 100 sq. ft.

CONTAINER — Packed in 100 lb. bags.

TO USE — As above for Metalsium.

CERCO PENETRATING SEALER

DESCRIPTION — A liquid Phenolic Resin penetrating sealer prepared for use on all types of concrete or wood floors. Its primary purpose is to seal the surface against penetration of water, grease and oil, and to eliminate dusting of concrete.

It provides a surface that will resist the deteriorating effects of mild acid and alkali solutions. Can be used to seal concrete floors hardened with Indurite or Metalsium but cannot be used on floors treated with CeroSeal.

COVERAGE — Three to five hundred square feet per gallon.

TO USE — A two coat application is recommended. Let first coat dry before second application.

CRESCRETE LIQUID INTEGRAL HARDENER

DESCRIPTION — Crescrete is a liquid integral hardener, accelerator and densifier for all Portland cement mixtures, making them highly water resistant. It is of particular value in cement floor work because of its accelerating action. It acts as a lubricant and decreases the amount of mixing water required, also cuts labor costs by making possible early removal of forms and finishing a greater area per day.

Crescrete is used to speed up hydration in various cement mixtures, mass concrete, bonding agents and concrete floor toppings. Crescrete can also be used to assist in the protection of winter cement work at below freezing temperatures.

TO USE — Add Crescrete as taken from original container to the gauging water, using 1 quart per bag of cement.

INDURITE CHEMICAL HARDENER

DESCRIPTION — This chemical solution hardens concrete floor surfaces by chemical reaction. It is an approved formula in use for many years. Indurite is supplied in liquid, also in crystal form, in which case the solution is made on the job.

Concrete floors which are showing signs of wear can be reclaimed for added years of usefulness by applying Indurite Liquid Hardener.

The liquid chemical hardener treatment is standard practice in much Government work, in fact, it is a standard Government specification.

COVERAGE — Liquid—1 to 1½ gallons for 100 sq. ft.; Crystals—2 to 3 pounds per 100 sq. ft.

CONTAINER — Liquid—packed in 55, 30 and 5 gal. containers; crystals packed in 400, 100 and 50 lbs. containers.

TO USE — It is simply flushed over the surface and brushed in. From two to three applications are required, several hours apart, the number of applications depending on the condition of the floor.

CEROSEAL LIQUID HARDENER

DESCRIPTION — CeroSeal is a liquid hardener applied in three or more coats to concrete floor surfaces.

It seals the pores with a crystalline deposit and gives a hard wearing surface that is easy to keep clean.

CeroSeal is of particular value for acid resisting and the prevention of oil, grease and water penetration.

COVERAGE — Three-fourths gallon covers 100 sq. ft. for 3 coats.

CONTAINER — Shipped in 55, 30 and 5 gallon containers.

TO USE — Thoroughly clean floor. Flush CeroSeal over the surface and brush in. Apply 3 coats, several hours apart.

LUMNOX NON-SLIP AGGREGATE

DESCRIPTION — Lumnox is pure Aluminum Oxide grains ⅛" to 1/32" and complies with Federal Specifications. It is wear-resistant, rustless, and is recommended for stair treads, landings, ramps, sidewalks and wet areas, wherever a non-slip surface is required.

QUANTITIES — 25 to 30 lbs., per 100 sq. ft.

CONTAINER — Packed in 100 lb. bags.

TO USE — After the cement has been screeded level, let it set until it will bear the weight of a finisher on knee boards. Then dust on approximately ¼ lb. of Lumnox per sq. ft. and wood float until the Non-Slip Aggregate is firmly embedded in the surface.

SAFTYPLATE —Metallic, Non-Slip, Colored Aggregate

DESCRIPTION — Saftyplate is a scientifically combined aggregate consisting of pure Aluminum Oxide grains, graded iron kernels and Pure Non-Fading Cement Colors. Saftyplate produces a decorative, wear resisting and non-slip floor surface.

It provides an attractive and serviceable floor for stair treads, landings, ramps, halls, corridors and showrooms, where appearance, durability and safety with extra resistance to wear must be considered.

COLORS — Terra Cotta, Brick Red, Maroon, Brown, Black and Green.

QUANTITIES — 30 to 50 lbs. per 100 sq. ft.

CONTAINER — Packed in 100 lb. bags.

TO USE — Follow instructions for Colored Metalsium.

CERESIT WATERPROOFING CORP.

MAINTENANCE AND MISCELLANEOUS PRODUCTS

CRAXEMENT — For Patching Concrete Floors

DESCRIPTION — A ready for use flint hard aggregate of volcanic rock, granite and iron, combined with chemicals and a special fast setting cement. It sets overnight ready for heavy service.

QUANTITY — 10 to 15 lbs. per sq. ft., depending on depth.

CONTAINER — Vacuum packed in 100 to 250 lb. drums.

TO USE — Chip opening to $\frac{3}{4}$ " depth and roughen for bonding. Saturate with water for about 30 minutes. Sweep out surplus water. Mix Craxement with approximately 1 gallon of water for each 100 lbs. Brush in a grout and while still wet, place mortar. Tamp, float and steel trowel. Damp cure for 12-15 hours.

CEROMASTIC — For Shallow Patching

DESCRIPTION — Ceromastic is for patching shallow places, smoothing out uneven and rutted areas, and resurfacing pitted floors. It is a ready to use plastic concrete—mastic and aggregate combined in one container. Application can be made up to $\frac{1}{2}$ " thick, and it feather-edges perfectly. It can be applied to concrete, wood or other floors. It will not crumble, dust, curl up or crack.

QUANTITY — Thirty gallons cover 100 sq. ft., $\frac{1}{2}$ " thick.

CONTAINER — Packed in 10 and 30 gallon drums.

TO USE — Unit consists of pre-mixed Mastic in one container, Bond Coat and Setting Powder in another. Clean area. Saturate with water, broom off excess. Apply Bond Coat over area and 4" beyond. Let dry till tacky. Dissolve powder and add to Ceromastic Mix until uniform in color. Crown patch $\frac{1}{8}$ " above floor level for compacting. Float and steel trowel when set. Protect for 24 hours.

CERESTONE — For Floor Repair

DESCRIPTION — Cerestone is a ready mixed magnesium oxychloride cement compound in dry powder form. It will bond to almost any clean surface, does not shrink, and is stronger than concrete.

It is an excellent material for resurfacing wood, brick or concrete floors. When used as a resurfacing material sand and $\frac{1}{4}$ " aggregate must be added at the job.

QUANTITY — Approximately 4 lbs. per sq. ft., $\frac{1}{2}$ " fill.

CONTAINER — Packed in 100 lb. units.

TO USE — Each Cerestone unit consists of 2 materials—crystals and powder. Dissolve the crystals in clean water and use only this solution for mixing with the powdered material. Surface to be repaired must be clean, free from dirt, grease, oil or chemicals. To secure a bond rub in a grout (paint consistency) then fill the hole with a somewhat thicker mix. When it has set sufficiently steel trowel to a smooth finish. Repairs will carry normal traffic in 24 to 48 hours.

CEROPHALT CRACK AND JOINT FILLER

DESCRIPTION — A cold application asphalt of pouring consistency for use in expansion joints, cracks, etc. It sets rapidly when exposed to air, yet remains plastic in cold weather. It is in reality a caulking of pouring consistency, and bonds to any surface. Can also be furnished in knife consistency when required.

COVERAGE — 231 cu. in. per gallon.

CERESIT CAULKING COMPOUND

DESCRIPTION — An economical high quality caulking compound, which will not dry out, but remain plastic without shrinkage. It is not affected by expansion, contraction or temperature extremes. It is easy to apply and bonds to any properly prepared surface such as masonry, metal or wood. Made in gun and knife grades.

COVERAGE — One gallon fills joint approximately $\frac{1}{2}$ " x $\frac{1}{2}$ " x 75'.

CONTAINER — Shipped in 1, 5 and 30 gal. sealed containers. Also available in pint cartridges packed 24 to a case.

METALOX — Prevents Shrinkage in Portland Cement Mixtures

DESCRIPTION — Metalox is a dry powder compound designed to utilize the expanding action of iron during oxidation. It consists of chemically pure pulverized iron combined with chemicals and puzzolanic ingredients thoroughly mill mixed.

Its many uses include concrete floor repair and resurfacing trucking lanes, patching spalled, broken or honeycombed concrete in basement or exterior walls, plaster coat work on walls, bridges, viaducts, silos, or concrete elevators, and for tuck-pointing masonry walls, chimneys, precast concrete, stone or cement block.

In the waterproofing field Metalox is invaluable for repairing honeycombed concrete, sealing cracks and filling holes around pipes or drains and for building a cove where walls and floor meet.

When setting heavy machinery the use of Metalox in the base prevents vibration and adds density and strength to the concrete.

A Metalox grout is an excellent bonding material for use on footings, floors or walls before the new concrete is poured.

QUANTITY — Approximately 50 lbs. per bag of cement.

CONTAINER — 25, 50 and 100 lb. Vacuum Sealed Drums.

TO USE — Dry mix Metalox, cement and aggregate before adding gauging water. Rub in a grout on areas to be repaired, then place the Metalox mortar.

LUXSTAR CEMENT PAINT

DESCRIPTION — Luxstar is a water repellent cement base paint in powder form, to be mixed with water. It is for wall surfaces only.

Because of its cement base, it has an affinity for any surface of cement or allied product. It bonds with and becomes an integral part of the surface.

Luxstar can be used on any unpainted, vertical surface of concrete, cement, stucco, brick, cement block or masonry. It will not peel, crack or chip and can be washed repeatedly.

Exteriors — For beauty. For protection against the elements. For permanence. The cost is amazingly low.

Basement Treatment — After repairs to stop water seepage are completed, paint all walls with Luxstar Cement Paint. This provides added protection by sealing all hair cracks and surface pores, and gives an attractive wall finish.

Swimming Pools, Reservoirs — Luxstar bonds rigidly. It's easy to apply with wide brush or spray. It provides a lasting finish for concrete pools.

TO USE — Clean surfaces with a wire brush, then saturate with water. For each 10 lbs. of Luxstar add approximately $2\frac{1}{2}$ to 3 quarts of water and mix until free from lumps and a smooth consistency. Apply with a wide brush or spray. When sufficiently set spray with clean water and keep damp for 24 hours or longer. Shipped in 100, 50 and 25 lb. sealed containers. Luxstar is made in White, Buff, Light Grey, Dark Grey, Red and Green. Coverage, approximately 25 sq. ft. per pound, one coat.

SURESEAL CURING COMPOUND

DESCRIPTION — Sureseal Curing Liquid is applied with brush or spray on the surface as quickly after finishing as is practical to avoid injuring the floor. It seals the surface, preventing evaporation of moisture, thus eliminating the necessity of damp curing. It protects the concrete from dirt and stains during construction.

COVERAGE — Approximately 200 sq. ft. per gal.

CERETINT CEMENT COLORS

DESCRIPTION — Ceretint Cement Colors are lime resistant, having a maximum of color strength and permanence. These high grade pure cement colors are used in all Ceresit products where material and color are combined.

COLORS — Supplied in Tile Red, Brick Red, Maroon, Buff, Brown, Terra Cotta, Black and Green.

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